| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|-------|--|---|---------------------|---------|------------------|
| S1 | 2 | ("6200820").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 15:37 |
| S2 | 2 | ("6309831").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 13:47 |
| 53 | 10 | resonant near light near | US-PGPUB; | OR | OFF | 2005/05/16 14:48 |
| | | scattering | USPAT; EPO; JPO; DERWENT | | | |
| S4 | 0 | resonant near mie near scattering | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 13:57 |
| S 5 | 47601 | light near scattering | US-PGPUB; | OR | OFF | 2004/10/27 13:59 |
| | | | USPAT; EPO; JPO; DERWENT | | | |
| S6 | 17092 | (light near scattering) and wavelength | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:14 |
| S7 | 198 | ((light near scattering) and wavelength) and (quantum near dot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:18 |
| S8 | 2795 | ((light near scattering) and wavelength) and binding | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:23 |
| S9 | 116 | ((light near scattering) and wavelength) and binding and (quantum near dot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:37 |
| S10 | 254 | ((light near scattering) and wavelength) and binding and (core same layer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:42 |
| \$11 | 9235 | (light near scattering) and (microarray array) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:43 |

| C43 | FF.4 | | | | | |
|-------------|--------|--|---|----|-----|------------------|
| S12 | 556 | (light near scattering) and (microarray array) and (core same layer) and wavelength | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 14:46 |
| S13 | 90 | (light near scattering) and | US-PGPUB; | OR | ON | 2004/10/27 15:19 |
| | , | (microarray array) and (core same | USPAT; | | | |
| | | layer) and wavelength and analyte | EPO; JPO; DERWENT | | | |
| S14 | 2 | ("6063573").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 15:11 |
| S15 | 2 | ("5981180").PN. | US-PGPUB; | OR | OFF | 2004/10/27 15:11 |
| | | | USPAT; USOCR; | | | |
| 7 | | | EPO; JPO; DERWENT | | | |
| S16 | 69 | (light near scattering) and (microarray array) and (core same layer) and wavelength and analyte and immobiliz\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/27 15:24 |
| \$17 | 2 | ("20030174923").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 15:27 |
| S18 | 258150 | resonance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/10/27 15:27 |
| S32 | 2 | ("6530944").PN. | US-PGPUB; | OR | OFF | 2004/11/12 08:05 |
| | | | USPAT; EPO; JPO; DERWENT | | | |
| S33 | 2 | ("6210715").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 08:59 |
| S34 | 216 | (surface near plasmon near resonance) and hollow and (immobiliz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ÓN | 2004/11/12 09:00 |
| S35 | 12 | (surface near plasmon near resonance) and hollow and (immobiliz\$5) and (index near refraction) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 12:18 |

| S36 | 4 | (surface near plasmon near resonance) and (core same (iron near oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:28 |
|------------|-----|--|---|----|------|-------------------|
| S37 | 10 | (surface near plasmon near resonance) and (core same (hollow)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 14:58 |
| S38 | 4 | (("6180415") or ("6214560")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 09:39 |
| S39 | 8 | (("6680206") or ("20020016897") or ("20030016897") or ("6379969")). | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 09:40 |
| S40 | 1 | (surface near resonance) and (core same (iron near oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:34 |
| S42 | 142 | (light near scattering) and (core same (iron near oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:51 |
| S46 | 108 | (light near scattering) and (core same (iron near oxide)) and (bind\$4 bound) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:51 |
| S47 | 0 | (resonant near light near scattering) and (core same (iron near oxide)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON . | 2004/11/.12 11:51 |
| S48 | 435 | (light near scattering) and (core same (magnet\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:52 |
| S49 | 129 | (light near scattering) and (core same (magnet\$2 same iron)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 11:52 |
| S53 | 31 | (surface near plasmon near resonance) and (immobiliz\$5) and (index near refraction) and ((particle microparticle nanoparticle microsphere bead) near glass) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2004/11/12 12:20 |

| S56 | 171 | (core same (iron near oxide)) and (resonan\$5) and (magnet\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 14:18 |
|------------|--|--|---|----|-----|------------------|
| S57 | 31 31 31 31 31 31 31 31 31 31 31 31 31 3 | (core same (iron near oxide)) and (resonan\$5) and (magnet\$3) and (light near scattering) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 14:19 |
| S58 | 35 | (core same (iron near oxide) same (immobiliz\$5 bind\$3 bound)) and (resonan\$5) and (magnet\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 14:22 |
| S63 | 24 | (core same (iron near oxide) same (immobiliz\$5 bind\$3 bound)) and (resonan\$5) and detect\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 14:44 |
| S66 | 987 | ((iron adj oxide) same core same magnet\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 15:08 |
| S68 | 10 | resonant near light near scattering | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 15:08 |
| S69 | 151 | ((iron adj oxide) near core same magnet\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 15:08 |
| S70 | - 33 | ((iron adj oxide) near core near magnet\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/12 15:08 |
| S71 | 2303 | resonant near light near scattering or rls | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 14:48 |
| S72 | 2303 | (resonant near light near scattering) or rls | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 14:48 |
| S73 | 24 | ((resonant near light near scattering) or rls) with particle | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 15:16 |
| -S74 | 13 | resonant near light near scattering | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/17 08:51 |

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|---------------------|------|---|---|----|-----|------------------|
| S75 | 26 | (((resonant or resonance) near light near scattering) or rls) with particle | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 15:18 |
| S76 | 2 | S75 not S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 15:17 |
| S77 | 2348 | (((resonant or resonance) near light near scattering) or rls) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 15:28 |
| S78 | 301 | S77 and particle | US-PGPUB; | OR | OFF | 2005/05/16 15:29 |
| | | | USPAT; EPO; JPO; DERWENT | | \$ | |
| S79 | 73 | S78 and (probe ligand) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/16 15:29 |
| S80 | 56 | S79 not S76 not S73 | US-PGPUB; | OR | OFF | 2005/05/16 15:29 |
| | | | USPAT; EPO; JPO; | | | |
| est i station of | | | DERWENT | | | |
| S81 | 2 | "20030124733" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/05/17 08:51 |
| S82 | . 0 | (normalized near peak near | US-PGPUB; | OR | ON | 2005/05/18 14:02 |
| | | width) and (analytical with wavelength) | USPAT; EPO; JPO; | | | |
| | | | DERWENT | | | |
| S83 | 6 | (normalized near peak near width) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 14:02 |
| S84 | 4 | (normalized near peak near width) and wavelength | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 14:03 |
| S85 | 2193 | (peak near width) and wavelength | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 14:03 |
| S86 | 803. | (peak near width) and (wavelength with range) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ΘΝ | 2005/05/18 14:03 |

| S87 | 80 | (peak near width) same (wavelength with range) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 14:04 |
|------------|------|--|---|----|----|------------------|
| S88 | 17 | (peak near width) same (wavelength with range) and (light with scatter\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 14:54 |
| S90 | 230 | (peak near width) and (wavelength with range) and (light with scatter\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ОИ | 2005/05/18 14:59 |
| S91 | 11 | (peak near width) and (wavelength with range) and (light with scatter\$3) and histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 15:16 |
| S96 | 2726 | incident near light near source | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 15:18 |
| S97 | 197 | S96 same (light with scatter\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ΘZ | 2005/05/18 15:18 |
| S98 | 3 | S96 same (light with scatter\$3) same (wavelength with range) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/05/18 15:18 |